

RESOURCE SETTING: Great Plains, 10-17" Pptn.; MLRA's 58A, 58B, 60A, 67; Loamy sites; 3-15% slopes; Mixed private, state, some federal (BLM) ownership.

CURRENT SITUATION: Spring, early summer, & fall grazing, season-long; Cow/calf, sheep, antelope; Limited surface water; Fair range condition with areas of pricklypear that livestock no longer use; wildlife habitat rating < .4; No known local unique cultural values; Operator goals include sustained resources for next generation & development of fee hunting revenues.

PROBLEM IDENT: Excessive soil erosion, especially from concentrated water flow; Poor grazing & water distribution; Inadequate forage quality & quantity; Extreme infestations of pricklypear (30-35% of forage unavailable to livestock); Poison suckleya in dry dams during drought years.

RESOURCE PROBLEMS/ASPECTS																
RESOURCE MANAGEMENT SYSTEMS OPTIONS		SOIL EROSION	SOIL EROSION	SOIL EROSION	WATER QUALITY	WATER QUALITY	WATER QUALITY	AIR QUALITY	AIR QUALITY	PLANTS SUIT.	PLANTS CONDIT.	PLANTS CONDIT.	PLANTS MGT.	ANIMAL HABITAT	ANIMAL HABITAT	ANIMAL HABITAT
(Code)	Practices	Sheet & Rill	Gully	Wind	Water Infil- tration	(Surface) Pesticides	(Surface) Sediment	Safety - Sediment and/or Smoke On-site Off-site		Suit. for Intended Use	Prod. - Kind,Amt. Distrib.	Health & Vigor	Pests- Brush, Weeds	Food	Cover or Shelter	Quan./Qual. Drinking Water
(314)	Brush mgt. w/mech.	+1	+2	+1	+2	+3E	0	+1	+1	+2	+3	+3	+3	+2	+1	0
(528)	Proper Grazing Use	+2	+2C	+2	+2	0	+2	+2	+2	+1	+1	+2	+1	+2	+2	0
(614)	Trough or Tank	+1A	+1A	+1A	+1A	NA	+1A	0	0	NA	+1A	+1A	0	+1A	+1A	+3
(642)	Well	+1A	+1A	+1A	+1A	NA	+1A	0	0	NA	+1A	+1A	0	+1A	+1A	+3
(645)	Wild. Up. Hab. Mgt	0	0	0	0	0	+1	0	0	+1	+1	+1	0	+3	+3	0
(382)	Fencing (grazing sys.)	A	A	A	A	NA	A	A	A	A	A	A	A	A	A	A
(516)	Pipeline	+1A	+1A	+1A	+1A	NA	+1A	0	0	NA	+1A	+1A	0	+1A	+1A	+3
(556)	Planned Grazing System	+3	+3C	+3	+3	0	+3	+3	+3	+1	+2	+2	+1	+2	+2	+1

+ = positive effect, - = negative effect; 1 = slight effect, 2 = moderate effect, 3 = significant effect; NA = Not Applicable.

A = depends on practice facilitated, B = short term, C = depends on salt & mineral placement, D = positive effect from using our stds. & Specs.

E = positive avoidance of chemicals, F = may be negative depending on wildlife species, G = positive nesting & hiding cover for birds

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(Code)	Practices	Sheet & Rill	Gully	Wind	Water Infil- tration	(Surface) Pesticides	(Surface) Sediment	Safety - Sediment and/or Smoke		Suit. for Intended Use	Prod. - Kind, Amt. Distrib.	Health & Vigor	Pests- Brush, Weeds	Food	Cover or Shelter	Quan /Qual. Drinking Water
RMS No. 1								On-site	Off-site							
(314)	Brush mgt. w/mech.	+ 1	+ 2	+ 1	+ 2	+ 3E	0	+ 1	+ 1	+ 2	+ 3	+ 3	+ 3	+ 2	+ 1	0
(528)	Proper Grazing Use	+ 2	+ 2C	+ 2	+ 2	0	+ 2	+ 2	+ 2	+ 1	+ 1	+ 2	+ 1	+ 2	+ 2	0
(614)	Trough or Tank	+ 1A	+ 1A	+ 1A	+ 1A	NA	+ 1A	0	0	NA	+ 1A	+ 1A	0	+ 1A	+ 1A	+ 3
(642)	Well	+ 1A	+ 1A	+ 1A	+ 1A	NA	+ 1A	0	0	NA	+ 1A	+ 1A	0	+ 1A	+ 1A	+ 3
(645)	Wild. Up. Hab. Mgt	0	0	0	0	0	+ 1	0	0	+ 1	+ 1	+ 1	0	+ 3	+ 3	0
RMS No. 2																
(314)	Brush Mgt. w/Burn	+ 1	+ 2	-1B to + 1	+ 2	+ 3E	0	+ 2D	+ 3D	+ 2	+ 3	+ 3	+ 3	+ 2	+ 3	0
(528)	Proper Grazing Use	+ 2	+ 2C	+ 2	+ 2	0	+ 2	+ 2	+ 2	+ 1	+ 1	+ 2	+ 1	+ 2	+ 2	0
(614)	Trough or Tank	+ 1A	+ 1A	+ 1A	+ 1A	NA	+ 1A	0	0	NA	+ 1A	+ 1A	0	+ 1A	+ 1A	+ 3
(642)	Well	+ 1A	+ 1A	+ 1A	+ 1A	NA	+ 1A	0	0	NA	+ 1A	+ 1A	0	+ 1A	+ 1A	+ 3
(645)	Wild. Up. Hab. Mgt.	0	0	0	0	0	+ 1	0	0	+ 1	+ 1	+ 1	0	+ 3	+ 3	0
RMS No. 3																
(314)	Brush Mgt. w/Chemical	+ 1	+ 2	+ 1	+ 2	+ 2D	0	+ 1	+ 1	+ 2	+ 3	+ 3	+ 3	+ 2	+ 1	0
(382)	Fencing (grazing sys.)	A	A	A	A	NA	A	A	A	A	A	A	A	A	A	A
(516)	Pipeline	+ 1A	+ 1A	+ 1A	+ 1A	NA	+ 1A	0	0	NA	+ 1A	+ 1A	0	+ 1A	+ 1A	+ 3
(528)	Proper Grazing Use	+ 2	+ 2C	+ 2	+ 2	0	+ 2	+ 2	+ 2	+ 1	+ 1	+ 2	+ 1	+ 2	+ 2	0
(556)	Planned Grazing System	+ 3	+ 3C	+ 3	+ 3	0	+ 3	+ 3	+ 3	+ 1	+ 2	+ 2	+ 1	+ 2	+ 2	+ 1
(614)	Trough or Tank	+ 1A	+ 1A	+ 1A	+ 1A	NA	+ 1A	0	0	NA	+ 1A	+ 1A	0	+ 1A	+ 1A	+ 3
(642)	Well	+ 1A	+ 1A	+ 1A	+ 1A	NA	+ 1A	0	0	NA	+ 1A	+ 1A	0	+ 1A	+ 1A	+ 3
(645)	Wildlife Up. Hab. Mgt.	0	0	0	0	0	+ 1	0	0	+ 1	+ 1	+ 1	0	+ 3	+ 3	0

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